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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number 09/527,350
Filing Date March 17, 2000
First Inventor Masahito NIIKAWA et al.
Group Art Unit 2711 RECEIVED
Examiner Name To Be Assigned
Attorney Docket No. 15162/01620 JUL 0 5 2000

U.S. PATENT DOCUMENTS

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Examiner Initials	Cite #	DOCUMENT NUMBER	C O D E	PATENTEE	ISSUE DATE (mm/dd/yy)	CLASS	SUB CLASS	Filing Date if Appropriate
[m]	(1)	5,625,477		Wu et al.	04/29/97	349	35	
lng	(14)	5,384,067		Doane et al.	01/24/95	252	299.01	

FOREIGN PATENT DOCUMENTS

Examiner Initials		O F F I C		NUMBER	C O D E	PUBLICATION DATE (mm/dd/yy)	TRANSLA' Yes	TION No
lny	(5)	JP	-	1-117580	(A)	05/10/89	ABSTRACT ONLY	$\overline{}$
1	(6)	JP		1-248767	(A)	10/04/89	ABSTRACT ONLY	· · · · · · ·
	(7)	JP	-	1-305784	(A)	12/11/89	ABSTRACT ONLY	
	(8)	JP	-	2-643342	(A)	02/23/90	ABSTRACT ONLY	
1	(4)	JP	-	7-101336	(A)	12/26/90	ABSTRACT ONLY	
1	(9)	JP	•	5-012851	(A)	01/22/93	ABSTRACT ONLY	
1	(10)	JP	•	5-062458	(A)	03/12/93	ABSTRACT ONLY	
 	(11)	JP	v	5-081824	(A)	04/02/93	ABSTRACT ONLY	
 	(12)	JP	1	6-243630	(A)	09/02/94	ABSTRACT ONLY	
1	(13)	JP	9	7-006842	(A)	01/10/95	ABSTRACT ONLY	
1,	(15)	JP	1.	7-078447	(A)	03/20/95	ABSTRACT ONLY	
Binn	(16)	JP	1	7-098993	(A)	04/11/95	ABSTRACT ONLY	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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	(2)	JP	8-317324		(A)	11/29/96			ABSTRACT ONLY				
	(19)	JP	9-050502		(A)			ABSTRACT ONLY					
	(20)	JP	9-218930		(A)			ABSTRACT ONLY					
	(3)	JP	10-197850		(A)		07/31/98		ABS	TRACT ONLY			
	(21)	JР	11-096327		(A)		04/09/99		ABS	TRACT ONLY			
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